

L Number	Hits	Search Text	DB	Time stamp
-	4	("5551903") or ("6135839")).PN.	USPAT; US-PGPUB; JPO; DERWENT USPAT	2003/01/27 12:43
-	138	("3259782" "3665241" "3675063" "3755704" "3789471" "3812559" "3855499" "3947716" "3970887" "4008412" "4075535" "4084942" "4139773" "4141405" "4143292" "4164680" "4168213" "4178531" "4307507" "4350926" "4498952" "4507562" "4513308" "4528474" "4540983" "4542038" "4578614" "4588921" "4663559" "4684353" "4684540" "4685996" "4687825" "4687938" "4710765" "4721885" "4728851" "4758449" "4763187" "4788472" "4816717" "4822466" "4835438" "4851254" "4855636" "4857161" "4857799" "4874981" "4882659" "4889690" "4892757" "4899081" "4908539" "4923421" "4926056" "4933108" "4940916" "4956202" "4964946" "4987007" "4990766" "4994205" "5015912" "5019003" "5036247" "5038070" "5054046" "5054047" "5055744" "5063323" "5063327" "5064396" "5075591" "5085958" "5089292" "5089742" "5089812" "5090932" "5098737" "5101288" "5103144" "5103145" "5117267" "5117299" "5119386" "5123039" "5124072" "5124558" "5129850" "5132585" "5132676" "5138237" "5141459" "5141460" "5142184" "5142390" "5148461" "5150011" "5151061" "5153753" "5153901" "5157309" "5162704" "5166456" "5180951" "5183529" "5186670" "5194780" "5199917" "5199918" "5202571" "5203731" "5204021" "5204581" "5210430" "5212426" "5213712" "5214416" "5228877" "5228878" "5229331" "5229682" "5235244" "5242620" "5243252" "5250451" "5252833" "5256888" "5259799" "5275967" "5276521" "5277638" "5278475" "5281891" "5283500" "5285129" "5302423" "5312514").PN.	USPAT	2003/01/27 11:02
-	37	5285129.URPN.	USPAT	2003/01/27 11:09

-	197	("1954691" "2851408" "2867541" "2959483" "3070441" "3108904" "3259782" "3314871" "3360450" "3481733" "3525679" "3554889" "3665241" "3675063" "3755704" "3789471" "3808048" "3812559" "3855499" "3898146" "3947716" "3970887" "4008412" "4075535" "4084942" "4139773" "4141405" "4143292" "4164680" "4168213" "4178531" "4307507" "4350926" "4482447" "4498952" "4507562" "4512912" "4513308" "4528474" "4540983" "4542038" "4578614" "4588921" "4594527" "4633131" "4647400" "4663559" "4684353" "4684540" "4685996" "4687825" "4687938" "4710765" "4721885" "4728851" "4758449" "4763187" "4788472" "4816717" "4818914" "4822466" "4827177" "4835438" "4851254" "4855636" "4857161" "4857799" "4874981" "4882659" "4889690" "4892757" "4899081" "4908539" "4923421" "4926056" "4933108" "4940916" "4954744" "4956202" "4956573" "4964946" "4987007" "4990416" "4990766" "4994205" "5007873" "5015912" "5019003" "5036247" "5038070" "5054046" "5054047" "5055077" "5055744" "5057047" "5063323" "5063327" "5064396" "5075591" "5075595" "5075596" "5079476" "5085958" "5089292" "5089742" "5089812" "5090932" "5098737" "5101288" "5103144" "5103145" "5117267" "5117299" "5119386" "5123039" "5124072" "5124558" "5126287" "5129850" "5132585" "5132676" "5136764" "5138237" "5140219" "5141459" "5141460" "5142184" "5142256" "5142390" "5144191" "5148078" "5148461" "5150011" "5150192" "5151061" "5153753" "5153901" "5155420" "5156770" "5157304" "5157309" "5162704" "5166456" "5173634" "5173635" "5173697" "5180951" "5183529" "5185178" "5186670" "5194780" "5199917" "5199918" "5202571" "5203731" "5204021" "5204581" "5210430" "5212426" "5213712" "5214347" "5214416" "5220725" "5227699" "5228877" "5228878" "5229331" "5229682" "5231606" "5235244" "5242620" "5243252" "5250451" "5252833" "5256888" "5259799" "5266155" "5275967" "5276521" "5277638" "5278475" "5281891" "5283500" "5285129" "5296117" "5302423" "5312514" "5315393" "5341063" "5380546" "5399238" "5449970" "5531880" "5536193" "5543684" "5548185" "5551903").PN. (313/495,346r,310).CCLS.	USPAT	2003/01/27 11:28
-	3220		USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:57

-	1771	((313/495,346r,310).CCLS.) and electron	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:46
-	1086	((313/495,346r,310).CCLS.) and electron) and emitting	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:46
-	863	((313/495,346r,310).CCLS.) and electron) and emitting) and voltage	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:46
-	699	((313/495,346r,310).CCLS.) and electron) and emitting) and voltage) and insulat\$3	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:47
-	312	((313/495,346r,310).CCLS.) and electron) and emitting) and voltage) and insulat\$3) and carbon	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:54
-	2	("6420825").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 12:54
-	10	("5066883" "5754148" "5770918" "5828352" "5859502" "5866988" "5872541" "6005540" "6153973" "6184619").PN.	USPAT	2003/01/27 13:04
-	11	(US-6409566-\$ or US-6127773-\$ or US-5763997-\$ or US-5548185-\$ or US-5543684-\$ or US-6420825-\$ or US-6184619-\$ or US-6005540-\$ or US-5872541-\$ or US-5066883-\$).did. or (US-20020047513-\$).did.	USPAT; US-PGPUB	2003/01/27 13:36
-	4	5872541.URPN.	USPAT	2003/01/27 14:43
-	8	("3015747" "3278789" "3663857" "3725731" "3735186" "4093562" "4303917" "4325084").PN.	USPAT	2003/01/27 14:43
-	10	("5066883" "5754148" "5770918" "5828352" "5859502" "5866988" "5872541" "6005540" "6153973" "6184619").PN.	USPAT	2003/01/27 14:44
-	10	5859502.URPN.	USPAT	2003/01/27 14:46
-	2	("6135839").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 15:23
-	976	(313/495).CCLS.	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 16:51
-	198	((313/495).CCLS.) and (insulating with layer) and (electron with emitt\$3) and carbon	USPAT; US-PGPUB; JPO; DERWENT	2003/01/27 16:53

-	158	((313/495).CCLS.) and (insulating with layer) and (electron with emitt\$3) and carbon	USPAT	2003/01/27 16:54
-	1	((313/495).CCLS.) and (insulating with layer) and (electron with emitt\$3) and carbon) and (graphite and graphene)	USPAT	2003/01/27 16:55
-	3	("6,400,091").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/01/28 08:19
-	2	("5551903").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:07
-	1	"08781206"	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:09
-	0	20020146958.URPN.	USPAT	2003/07/28 14:07
-	2	("20020146958").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:11
-	2	("20020047513").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:16
-	2	("6581379").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:23
-	2	("20020057045").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:26
-	2	("20020074947").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:27
-	2	("20020060516").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:28
-	2	("20020031972").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 14:56
-	20	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.	USPAT	2003/07/29 10:14

-	4	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.) and ((carbon adj fiber) or graphene)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 10:16
-	0	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.) and (graphe\$4)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 16:10
-	0	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.) and (carbon adj tube)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 16:10
-	3	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.) and (carbon adj nanotube)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 16:38
-	6	((("5453661") or ("5489817")).PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 16:38
-	0	((("5453661") or ("5489817")).PN.) and graphene	USPAT; US-PGPUB; JPO; DERWENT	2003/07/28 16:40
-	5	((("5214347") or ("5266155") or ("5136764") or ("5562516") or ("5079476")).PN.	USPAT	2003/07/28 16:41
-	10	("5066883" "5754148" "5770918" "5828352" "5859502" "5866988" "5872541" "6005540" "6153973" "6184619").PN.	USPAT	2003/07/29 08:32
-	20	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.)	USPAT	2003/07/29 10:48

-	12	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.)) and carbon	USPAT	2003/07/29 10:48
-	4	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.) and ((carbon adj (nanotube fiber) or graphene))	USPAT	2003/07/29 13:35
-	7	carbon same (graphen\$2) and (emit emitter emitting)	USPAT	2003/07/29 13:39
-	11	carbon and (graphen\$2) and (emit emitter emitting)	USPAT	2003/07/29 14:18
-	152	carbon and fiber and (graphen\$2) and electron	USPAT; US-PGPUB	2003/07/29 13:47
-	132	(carbon and fiber and (graphen\$2) and electron) and (stacked arranged aligned axial orientated)	USPAT; US-PGPUB	2003/07/29 13:52
-	2	("6205016").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 14:09
-	8	((("6384542") or ("6435928") or ("6288494") or ("6184610")).PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 14:13
-	4	((("6384542") or ("6435928") or ("6288494") or ("6184610")).PN.	USPAT	2003/07/29 14:13
-	16	((multiwall and nanotube) or (carbon and graphen\$2)) and (emit emitter emitting)	USPAT	2003/07/29 14:25
-	0	multiwall and carbon and graphen\$2	USPAT	2003/07/29 14:26
-	0	multiwall and graphen\$2	USPAT	2003/07/29 14:26
-	0	multiwall and graphene	USPAT	2003/07/29 14:27
-	66	graphen\$1	USPAT	2003/07/29 14:28
-	12	graphen\$1 and emit\$3	USPAT	2003/07/29 14:35
-	2	("20020047513").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 14:37
-	67	graphite adj nanofiber	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 14:39

-	59	((graphite adj nanofiber) or (multi-wall same nanotube)) and (graphens graphene)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:24
-	12	(Bouchard).in. and Robert and Joseph	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:21
-	28	(multiwall same nanotube) and (graphens graphene)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:26
-	0	((("4728851") or ("4904895") or ("4956578") or ("5185554") or ("5192240") or ("5214346") or ("5382867") or ("5612587") or ("5577943") or ("5773921") or ("5935639") or ("5973444") or ("5982091") or ("6135839") or ("6147449") or ("6204597") or ("6288494") or ("6313572") or ("6390612") or ("6448709")).PN.)) and ((multiwall@2 mulit-wall\$2) same nanotube)	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:27
-	5	6156256.URPN.	USPAT	2003/07/29 15:41
-	19	("2375796" "2796331" "4328151" "4474906" "4490201" "4684336" "4855091" "4855122" "4859493" "4915925" "4940015" "4999244" "5024818" "5171489" "5374415" "5389400" "5413773" "5433906" "5594060").PN.	USPAT	2003/07/29 15:43
-	154	(313/495,346r,310).ccls. and (@pd > "20030127")	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:58
-	111	(445/24).ccls. and (@pd > "20030127")	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 15:59
-	112	((313/495,346r,310).ccls. and (@pd > "20030127")) or ((445/24).ccls. and (@pd > "20030127"))) and carbon	USPAT; US-PGPUB; JPO; DERWENT	2004/02/11 12:45
-	2	("5973444").PN.	USPAT; US-PGPUB; JPO; DERWENT	2003/07/29 16:03
-	20	((("5,551,903") or ("6,135,839") or ("4,728,851") or ("4,904,895") or ("4,956,578") or ("5,185,554") or ("5,192,240") or ("5,214,346") or ("5,382,867") or ("5,612,587") or ("5,577,943") or ("5,773,921") or ("5,935,639") or ("5,973,444") or ("5,982,091") or ("6,135,839") or ("6,147,449") or ("6,204,597") or ("6,288,494") or ("6,313,572") or ("6,390,612") or ("6,448,709")).PN.	USPAT	2004/02/11 14:34

-	718	313/306.ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/02/11 14:34
-	86	313/306.ccls. and (insulat\$3 same (emission emit\$4))	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 10:05
-	1	("4956578").PN.	USPAT	2004/02/12 11:29
-	24	(carbon adj fiber) with graphene with (axial stack\$3)	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 13:56
-	6	("5102745" "6288888" "6511768" "6515845" "6521369" "6528211").PN.	USPAT	2004/02/12 11:33
-	6	("5102745" "6288888" "6511768" "6515845" "6521369" "6528211").PN.	USPAT	2004/02/12 11:53
-	2727	(315/169.1,169.3,169.4).CCLS.	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 13:56
-	3801	(313/336,351,350,309-311).ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 14:01
-	3	((313/336,351,350,309-311).ccls.) and ((carbon near2 fiber) same graphene with (axial stack\$3))	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 14:03
-	7	((313/336,351,350,309-311).ccls.) and ((carbon near2 fiber) with graphene)	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 14:03
-	437	((315/169.1,169.3,169.4).CCLS.) and ((electron near3 (emit\$4 emission)) same (source potential))	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 15:56
-	371	((315/169.1,169.3,169.4).CCLS.) and ((electron near2 (emit\$4 emission)) with (source potential))	USPAT; US-PGPUB; JPO; DERWENT	2004/02/12 15:57
-	2	("20030222560").PN.	USPAT; US-PGPUB; JPO; DERWENT	2004/08/09 13:46
-	6180	(313/336,351,350,309-311,169.1,169.3,169.4,495,346r).CCLS.	USPAT; US-PGPUB; JPO; DERWENT	2004/08/11 09:44
-	2316	((313/336,351,350,309-311,169.1,169.3,169.4,495,346r).CCLS.) and (electron same (emit\$4 emission)) and (volt voltage)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/09 14:45

-	1798	(((313/336,351,350,309-311,169.1,169.3,169.4,495,346) (USPAT); and (electron same (emit\$4 emission)) and (volt voltage)) and (insulat\$3))	US-PGPUB; JPO; DERWENT	2004/08/09 14:47
-	1683	(((313/336,351,350,309-311,169.1,169.3,169.4,495,346) (USPAT); and (electron same (emit\$4 emission)) and (volt voltage)) and (insulat\$3)) and electron same (emission emit\$3) same (film layer\$3 surface coat\$3	US-PGPUB; JPO; DERWENT	2004/08/09 14:53
-	1525	(((313/336,351,350,309-311,169.1,169.3,169.4,495,346) (USPAT); and (electron same (emit\$4 emission)) and (volt voltage)) and (insulat\$3)) and electron with (emission emit\$3) with (film layer\$3 surface coat\$3 cover\$3)	US-PGPUB; JPO; DERWENT	2004/08/09 16:46
-	268	(((313/336,351,350,309-311,169.1,169.3,169.4,495,346) (USPAT); and (electron same (emit\$4 emission)) and (volt voltage)) and (insulat\$3)) and electron with (emission emit\$3) with (film layer\$3 surface coat\$3 cover\$3)	US-PGPUB; JPO; DERWENT	2004/08/09 14:54
-	1248	(((313/336,351,350,309-311,169.1,169.3,169.4,495,346) (USPAT); and (electron same (emit\$4 emission)) and (volt voltage)) and (insulat\$3)) and electron with (emission emit\$3) with (film layer\$3 surface coat\$3 cover\$3)	USPAT;	2004/08/09 15:09
-	2875	313\$495.ccls. and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/09 16:52
-	502	313/495.ccls. and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/09 16:53
-	1	("6316873").PN.	USPAT	2004/08/10 14:01
-	2	("5894189" "5982091").PN.	USPAT	2004/08/10 13:55
-	3	6316873.URPN.	USPAT	2004/08/10 13:58
-	2806	(315/169.1,169.3,169.4).CCLS.	USPAT; US-PGPUB	2004/08/10 15:32
-	501	((315/169.1,169.3,169.4).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/10 15:33

-	417	(((315/169.1,169.3,169.4).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)) and (suppl\$4 source) same (power volt voltage)	USPAT; US-PGPUB	2004/08/10 15:04
-	283	(((315/169.1,169.3,169.4).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)) and (suppl\$4 source) same (power volt voltage)) and (on off)	USPAT; US-PGPUB	2004/08/10 15:03
-	0	santiago.xa. near mariceli and (on same off)	USPAT; US-PGPUB	2004/08/10 15:04
-	222	santiago.xa. near mariceli	USPAT; US-PGPUB	2004/08/10 15:04
-	97	graphene same \$fiber	USPAT; US-PGPUB	2004/08/10 15:07
-	1	("6628053").PN.	USPAT	2004/08/10 15:18
-	1	("5618875").PN.	USPAT	2004/08/10 15:18
-	95	(santiago.xa. near mariceli) and (suppl\$4 source) same (power volt voltage)	USPAT; US-PGPUB	2004/08/10 15:31
-	15	(santiago.xa. near mariceli) and (suppl\$4 source) same (power volt voltage) and (315\$.ccls.)	USPAT; US-PGPUB	2004/08/10 15:31
-	2359	((445/24,25,50,51)).CCLS.	USPAT; US-PGPUB	2004/08/10 15:33
-	542	(((445/24,25,50,51)).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/10 15:34

-	526	(((445/24,25,50,51)).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)) not (((315/169.1,169.3,169.4).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)) (graphene same \$fiber) (((315/169.1,169.3,169.4).CCLS.) and ((insulat\$3 dielectric) same (electrode (metal near3 film)) same ((electro\$conduct\$3 conduct\$3 electron\$emit\$4 electron\$emissive electron\$emission (electron near3 (emission emit\$4 emissive))) near3 (film surface layer coat\$3))) and ((cold near4 cathode) surface surface\$type)) and (suppl\$4 source) same (power volt voltage)) and (on off)))	USPAT; US-PGPUB; JPO; DERWENT	2004/08/10 17:37
-	6	("5713775" "5726524" "5729094" "5990605" "6023124" "6184612").PN.	USPAT	2004/08/10 16:57
-	6	6274881.URPN.	USPAT	2004/08/10 17:00
-	1	("6274881").PN.	USPAT	2004/08/10 17:37